

<b>Major/Program</b>	Chemistry
<b>College</b>	Science and Mathematics
<b>Department</b>	Physical Science
<b>Contact</b>	Dr. Jennifer Yates, Interim Dean

2024-2025

## Lander University 4-Year Major Guide

	First Semester	Second Semester	TOTALS
<b>First Year</b>	<b>Course</b>	<b>Notes</b>	<b>Hours</b>
	CHEM 111		4
	ENGL 101	<i>Core Academic Skills (General Education)</i>	3
	General Education	<i>Humanities and Fine Arts (General Education)</i>	3
	MATH 123 or MATH 141	<i>Core Academic Skills (General Education)</i>	3
	LINK 101	<i>(General Education)</i>	1
	<b>Subtotal</b>		<b>14</b>
<b>Second Year</b>	<b>Course</b>	<b>Notes</b>	<b>Hours</b>
	CHEM 221		4
	CHEM 330		5
	General Education	<i>Behavioral and Social (General Education)</i>	3
	HIST 111R, HIST 112R, or POLS 101R	<i>Founding Documents (General Education)</i>	3
	<b>Subtotal</b>		<b>15</b>
	<b>Third Year</b>	<b>Course</b>	<b>Notes</b>
General Education		<i>World Cultures (General Education)</i>	3
Major Elective		<i>see list below</i>	4
Major Elective		<i>see list below</i>	3
PHYS 201 or PHYS 211		<i>Scientific and Mathematics (General Education)</i>	4
<b>Subtotal</b>			<b>14</b>
<b>Fourth Year</b>		<b>Course</b>	<b>Notes</b>
	CHEM 401		4
	CHEM 260 or above	<i>except for CHEM 381</i>	3
	CHEM 260 or above	<i>except for CHEM 381</i>	3
	Elective		3
	Elective		3
	<b>Subtotal</b>		<b>16</b>
<b>Total Hours Required:</b>			<b>120</b>

**Major Electives:** Choose three of the following: ASTR 101 or higher; BIOL 111 or higher; CHEM 260 or higher; CIS 130 or higher; ES 111 or higher; GEOL 111 or higher; MATH 141 or higher; PHYS 203; PHYS 314; PSCI 451.